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DT15 d PCT/PTO 12 JAN 2005

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 466 142 570 US, in an envelope addressed to: MS PCT, Commissioner for Patents/P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: January 12, 2005

Signature:


(Anthony A. Laurentano)Docket No.: BTW-092US
(PATENT)**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:

Ian Edward Day

International application No. PCT/GB2003/002949

International Filing Date: 8 July 2003

Application No.: Not Yet Assigned

Confirmation No.: N/A

Filed: Concurrently Herewith

Art Unit: N/A

For: SEMICONDUCTOR OPTICAL
WAVEGUIDE DEVICE

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

Citations A1 and A5 were cited in an International Search Report in the corresponding International patent application PCT/GB2003/002949. Since the foregoing publications and search report have previously been transmitted to all the designated Offices by the International Bureau, Applicants do not enclose copies of those publications herewith. Applicants, however,

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enclose a copy of Citations A2-A4 which were cited in the UK search report for corresponding Great Britain Patent Application 0216143.8. A copy of the UK search report is also enclosed.


In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 12-0080, under Order No. BTW-092US.

Dated: January 12, 2005

Respectfully submitted,

By 
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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Ian Edward DAY
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	BTW-092US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	US-6,374,001 B1	04-16-2002	Bozeat Robert J. et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ^o
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
	A2	GB-2 340 616 A		02-23-2000	Bookham Technology Limited		
	A3	GB-2 372 576 A		08-28-2002	Bookham Technology Plc		
	A4	GB-2 372 578 A		08-28-2002	Bookham Technology Plc		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A5	Hewitt P.D. et al: "Improved modulation performance of a silicon p-i-n device by trench isolation", JOURNAL OF LIGHTWAVE TECHNOLOGY, March 2001, IEEE, USA, vol. 19, no. 3, pages 387-390, XP002258534, ISSN: 0733-8724, chapter "III. Device Structure" abstract; figure 1	

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Examiner Signature		Date Considered	
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